



549573

Canova, Judy

From: Hoory, Matthew
Sent: Monday, November 27, 2017 1:34 PM
Cc: Hoory, Matthew
Subject: Reminder: Review of I_GSF0462M_19828_00278 Hydrogeologic Support [GEOS] (October 2017)
Attachments: I_GSF0462M_19828_00278.pdf; 1453 summary table thru 10312017.xlsx; SSPA_ProgressReport-Nov 2017.pdf
Importance: High
Follow Up Flag: Follow up
Due By: Monday, November 27, 2017 2:00 PM
Flag Status: Flagged

If you are receiving this, there are charges under one of your projects and I did not receive your reply, or you replied under a different subject line that sent your response to a different folder, so I did not find your response. Please respond at your earliest opportunity.
Thank you!

From: Hoory, Matthew
Sent: Thursday, November 16, 2017 1:28 PM
To: Kirchner, Karen ; Patterson, Leslie ; Collier, Demaree ; Sullivan, Sheila ; Evison, Leah ; Blake, Leslie ; Fagiolo, John ; Tierney, Mary ; Drexler, Timothy ; Heger, Michelle ; Linnear, David
Cc: Hoory, Matthew
Subject: Review of I_GSF0462M_19828_00278 Hydrogeologic Support [GEOS] (October 2017)

Hello,

If charges (i.e., any amount greater than \$0) are indicated under a project you manage under the attached invoice number 19828 for charges through October 31, 2017, written confirmation of your invoice review is needed to:

1. Ensure the work has been reviewed prior to approving payment for the work.
2. Document that we are following proper invoice review procedures.

Please review both:

(1) the attached S.S. Papadopoulos & Associates (SSPA) invoice (file name: I_GSF0462M_19828_00278.pdf) for the detail of charges to each site you manage under the Hydrogeologic Support (formerly known as GEOS) contract;

and

(2) the attached SSPA/Subterranean Research, Inc. (SRI) progress report (file name: SSPA_ProgressReport-Nov 2017.pdf) for the description of work performed at each of your sites and

(if you manage a site/project that shows costs incurred (i.e., any amount greater than \$0) in the subject period) provide an email to me by Wednesday, November 22, 2017 stating either:

A) No exceptions are made to the invoiced amount of [\$\$\$Enter Total Amount###.##.] for [___ Site Name / Activity]] [if you manage multiple tasks/sites, you can list all in the same email] Please enter the amount and site that you are responding to. ("exceptions" refers to potential issues that might be a reason to withhold any portion of payment, i.e. in accordance with "WA/TO/DO COR CHECKLIST FOR INVOICE REVIEW")

-OR-

B) Exception is taken to the invoiced amount as listed [Please identify issues as applicable]. If there are any charges about which you have a question or that you feel may be incorrect or questionable and should potentially be suspended or disallowed, please include that in your email.

The attached file (1453 summary table thru 10312017.xlsx) summarizes the billings to your sites and remaining funding.

For further guidance on reviewing invoices see:

Invoice Review & Approval Desk Guide, Effective July 24, 2014 "This guide was prepared to serve as both a ready desk reference tool, as well as a self-directed training document for Agency Contracting Officers (COs), Contract Specialists (CSs), Contracting Officer Representatives (CORs), RTP-FC contract payment staff, and anyone else involved in the contract invoice review process." <http://oamintra.epa.gov/files/OAM/Final%20Invoice%20Review%20Guide%203-13-15.doc>

Please contact me with any questions.

Thank you to everyone that replies timely to these messages each month. This is easier and means fewer or just one single email.



Page 28
November 15, 2017

PROGRESS REPORT THROUGH 31 OCTOBER 2017

Site Name: **Pristine**
Project Number: 1453-038-00-10 0003AP
Vehicle: SSP&A
SSID: 0556
EPA CERCLA ID: OHD076773712
RPM: David Linnear

Work Performed:

During this period, SSP&A worked on data compilation and analysis, including plume mapping, water level mapping (OK, MEUK), kriging variance maps, 3 point gradient analyses, plotting of temporal trends for selected wells and analytes, and generated plots for wells without trends and prepared maps of offsite pumping wells. SSP&A also worked on a web application (slicer map) for chemistry and water level timeseries and data import process. SSP&A had calls with EPA to present findings on trends, plume extents and hydraulic capture.

Completion (1 May 2017 through 31 October 2017):

% of Scope: 40%
% of Obligated Funds: 40%
% of Approved Funds: 40%

Remaining Funding:

Obligated Funds	\$ 89,500.00
Funds Used	\$ 35,824.07
Remaining Funds	\$ 53,225.93
Non-obligated Funds Remaining	\$ 0.00

Anticipated Delays or Issues:

None.

Forecasts of Potential New Tasks or Additional Hours/Costs:

None.

Personnel Changes:

None.



PROGRESS REPORT THROUGH 31 OCTOBER 2017

Contract Task #	Task	Work to be Completed	Estimated Completion / Delivery Date	Deliverable *
1	Conceptual Site Model - Review of Hydrogeologic and Monitoring reports	Review of the past hydrogeologic studies and monitoring reports will be performed to confirm or a update the site conceptual hydrogeologic model , this will serve as basis to evaluate current status of remedy progress	Draft: 11/15/2017 or 75 days after receiving data Final: 30 days after receiving comments	Draft Report Final Report
2	3D Plume Mapping and Data Gap Analysis	Perform geostatistical analysis of groundwater contaminate data by generating 3D contaminant plume; evaluate the nature and extent and changes of contaminant extents over-time . Perform a data gap analysis to identify current limits to the evaluation of remedial site performance.	Draft: 11/15/2017 or 75 days after receiving data Final: 30 days after receiving comments	Draft Report Final Report
3	Water Level Mapping	Develop series of water level maps that incorporate localized data (i.e. various pumping conditions, influence of surface water features, geology, or other site specific conditions).	Draft: 11/15/2017 or 75 days after receiving data Final: 30 days after receiving comments	Draft Report Final Report
4	Analysis of Current Hydraulic Capture Extent	Based on water level maps developed in previous task, evaluate the area of hydraulic capture for each monitoring period available for the current extraction well. Incorporate effects of pumping at neighboring groundwater contaminant extraction system.	Draft: 11/15/2017 or 75 days after receiving data Final: 30 days after receiving comments	Draft Report Final Report
5	Analysis of Hydraulic Capture Extents (four pumping scenarios)	Based on water level maps developed in previous task, estimate the area of hydraulic capture for four alternate pumping scenarios.	Draft: 11/15/2017 or 75 days after receiving data Final: 30 days after receiving comments	Draft Report Final Report
6	Evaluation of Well Shutdown and Pump-and-Treat System Optimization	Review and evaluation of extraction well shut-down reports and existing remedial action performance and system optimization reports, and perform analyses to optimize remedy (maximize remedial efficiency and minimize cost)	Draft: 11/15/2017 or 75 days after receiving data Final: 30 days after receiving comments	Draft Report Final Report
7	Monitored Natural Attenuation Pilot Test Evaluation	Calculation of contaminant concentration trends, comparison of ratios of parent to daughter products, and analyses of any available geochemical data to evaluate natural attenuation and evaluate it's potential	Draft: 11/15/2017 or 75 days after receiving data Final: 30 days	Draft Report Final Report



PROGRESS REPORT THROUGH 31 OCTOBER 2017

		remedial effectiveness considering the site conditions and constraints.	after receiving comments	
8	Flow Model Review and Update	Review the existing groundwater flow models and update as required to use in the evaluation of remedy performance and well shut-down request. Compare the site flow model(s) to the model being used by the neighboring Environmental Site.	Draft: 11/15/2017 or 75 days after receiving data Final: 30 days after receiving comments	Draft Report Final Report
9	Monitoring Report Review	Review and provide comments on new and/or forthcoming groundwater monitoring reports.	Draft: 11/15/2017 or 75 days after receiving data Final: 30 days after receiving comments	Draft Report Final Report
	Expenses	Estimate includes three meetings involving travel or site visits		NA